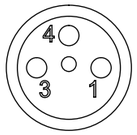
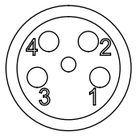
CONTACT POSITION FRONT VIEW

3 POLE



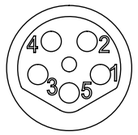
PIN	WIRE
1	BROWN
3	BLUE
4	BLACK

4 POLE



PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

5 POLE



PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

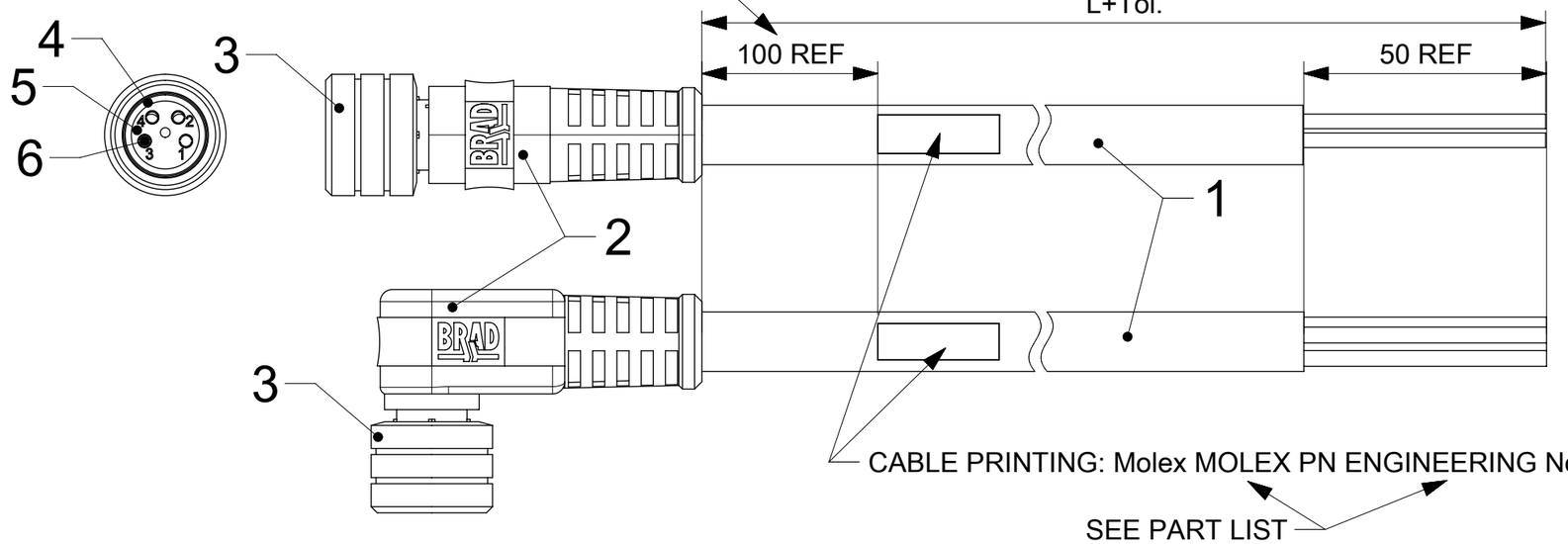
ENGINEERING No -NUMERICAL CODE

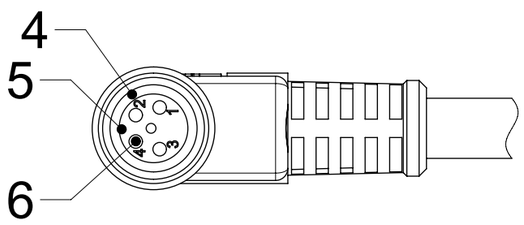
(Available parts see PART LIST table. Other parts available upon request.)

V	N	F	X	X	-	X	X	X	-	X	B

- V N F: M8x1 FEMALE
- X: S = STRAIGHT; R= RIGHT ANGLE
- X: NOMBER OF POLES: 3 = 3 POLES; 4 = 4 POLES; 5 = 5 POLES
- X X X: LENGTH: 005 = 0.5 M; 010 = 1 M; 020 = 2 M; 050 = 5 M; 150 = 15 M; 200 = 20 M
- X: TYPE OF CABLE: E = PVC; P = PUR

FOR CABLES SHORTER THAN 600 mm
PRINTING 30 mm FROM HEAD





ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
6	-	CONTACT FE		
5	1	INSERT M8 FE XP	SEE MATRIX	-
4	1	GASKET	FKM	RED
3	1	COUPLING NUT FE M8	BRASS	Ni PLATED
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE	SEE MATRIX	-

CABLE LENGTH TOLERANCES		
length		Tol.
over	up and included	
0	1m	+20 / -10 mm
1m	5m	±25 mm
5m	10m	±30 mm
10m	20m	±30 mm
20m	30m	±50 mm
30m	>	±60 mm

NOTES:
1. RATED VOLTAGE 50V AC / 60V DC FOR 3 & 4 POL
   RATED VOLTAGE 30V AC / DC FOR 5 POL
2. RATED CURRENT 3A

QUALITY SYMBOLS: FA = 0; FC = 0; FP = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; V = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 620317 2019/07/09
DRWN: JBADER 2019/07/12
CHK'D: PLERCHENFELD 2019/07/12
APPR: PLERCHENFELD

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

A2 | REV

DIMENSION UNITS: mm | SCALE: 2:1
DRWN BY: AKONDRACIUK | DATE: 2016/10/21
CHK'D BY | DATE
APPR BY: MIWASIECZKO | DATE: 2017/02/20
DRAWING SIZE: A3 | THIRD ANGLE PROJECTION

molex®

CSE M8 XP AC FE XM SE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
120086	SEE SHEET 2	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1200865019	PSD	00P	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	2019/07/12 08:45:02

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

PART LIST

POLE	S/R	CABLE PUR		
		MOLEX PN	ENGINEERING No	LENGTH [mm]
3	STRAIGHT	1200865097	VNFS3-020-PB	2000
		1200865099	VNFS3-050-PB	5000
		1200865101	VNFS3-100-PB	10000
	RIGHT ANGLE	1200865083	VNFR3-020-PB	2000
		1200865085	VNFR3-050-PB	5000
		1200865087	VNFR3-100-PB	10000
4	STRAIGHT	1200865103	VNFS4-020-PB	2000
		1200865104	VNFS4-050-PB	5000
		1200865106	VNFS4-100-PB	10000
		1200865339	VNFS4-060-PB	6000
		1200865490	VNFS4-200-PB	20000
		1200865555	VNFS4-150-PB	15000
		1200868413	VNFS4-030-PB	3000
	RIGHT ANGLE	1200865089	VNFR4-020-PB	2000
		1200865091	VNFR4-050-PB	5000
		1200865093	VNFR4-100-PB	10000
		1200865329	VNFR4-010-PB	1000
5	STRAIGHT	1200865107	VNFS5-020-PB	2000
		1200865109	VNFS5-050-PB	5000
		1200868430	VNFS5-100-PB	10000
		1200865492	VNFS5-150-PB	15000
	RIGHT ANGLE	1200865094	VNFR5-020-PB	2000
		1200865095	VNFR5-050-PB	5000
		1200865117	VNFR5-100-PB	10000

POLE	S/R	CABLE PVC		
		MOLEX PN	ENGINEERING No	LENGTH [mm]
3	STRAIGHT	1200865096	VNFS3-020-EB	2000
		1200865098	VNFS3-050-EB	5000
		1200865100	VNFS3-100-EB	10000
	RIGHT ANGLE	1200865082	VNFR3-020-EB	2000
		1200865084	VNFR3-050-EB	5000
		1200865086	VNFR3-100-EB	10000
4	STRAIGHT	1200865510	VNFS4-010-EB	1000
		1200865102	VNFS4-020-EB	2000
		1200865338	VNFS4-030-EB	3000
		1200865019	VNFS4-050-EB	5000
		1200865489	VNFS4-060-EB	6000
		1200868595	VNFS4-070-EB	7000
		1200865105	VNFS4-100-EB	10000
		1200865343	VNFS4-150-EB	15000
	RIGHT ANGLE	1200865088	VNFR4-020-EB	2000
		1200865090	VNFR4-050-EB	5000
		1200865092	VNFR4-100-EB	10000
5	STRAIGHT	1200865522	VNFS5-020-EB	2000
		1200865108	VNFS5-050-EB	5000
		1200865491	VNFS5-100-EB	10000

QUALITY SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

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EC NO: 620317 2019/07/09
DRWN: JBADER 2019/07/12
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A2 | REV -

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	mm
SCALE	1:1
DRWN BY	AKONDRACIUK
DATE	2016/10/21
CHK'D BY	
DATE	
APPR BY	MIWASIECZKO
DATE	2017/02/20
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex®

CSE M8 XP AC FE XM SE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
120086	SEE PART LIST	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1200865019	PSD	00P	2 OF 2

RELEASE STATUS	P1	RELEASE DATE	2019/07/12 08:45:02

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14